

- b. ☒ after the events of above paragraph 1a and prior to the mailing date of a final Office Action or Notice of Allowance, and thus: ☐ the certification of paragraph 2 below is provided, or ☒ a fee of \$180.00 is enclosed below.
- c. ☐ after the mailing date of a final Office Action or a Notice of Allowance and prior to payment of the issue fee, and thus: the certification of paragraph 2 below is provided and a fee of \$180.00 is enclosed below.
2. It is hereby certified:
- ☐ that each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the Statement, or
- ☐ that no item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the person signing the certification after making reasonable inquiry, was known to any individual designated in § 1.56 (c) more than three months prior to the filing of the Statement.
3. ☐ Consideration of the following additional information (including any co-pending or abandoned U.S. applications, prior uses and/or sales, etc.) is requested:
4. For each non-English language reference listed on the attached Form PTO-1449:
- ☐ reference is made to an English language translation submitted herewith, and/or
- ☐ reference is made to a foreign patent office search report (in the English language) submitted herewith, and/or
- ☐ reference is made to an English language translation of a foreign patent office search report submitted herewith, and/or
- ☐ reference is made to the concise explanation contained in the specification of the present application at page(s) _____, and/or
- ☐ reference is made to the concise explanation set forth below:
5. ☐ Applicant also offers the following comments for the Examiner's consideration:
6. ☐ Also enclosed is a copy of a foreign search report citing these references.
7. ☐ The listed documents were brought to the attention of the Applicant(s) after payment of the issue fee in the captioned case. The documents were cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. Applicant(s) request this Information Disclosure Statement and attached Form PTO-1449 be placed in the file of the captioned application.

8. ☐ Applicant(s) requests that the Information Disclosure Statement and attached Form PTO-1449 and references, which are being filed before the grant of the patent and pursuant to 37 C.F.R. § 1.97(i), be placed in the file of the captioned application.

The Commissioner is hereby authorized to charge any fees which may be required or credit any overpayment to Meyertons, Hood, Kivlin, Kowert & Goetzel PC, Deposit Account No. 50-1505/5681-59200/JCH.

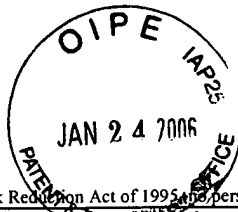
Respectfully submitted,



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Date: January 20, 2006



PTO/SB/08A (07-05)

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| Substitute for form 1449/PTO Modified | | Complete if Known | |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i> | | Application Number | 10/721,634 |
| | | Confirmation No.: | 7712 |
| | | Filing Date: | November 25, 2003 |
| | | First Named Inventor: | Nathaniel David Naegle |
| | | Art Unit: | 2671 |
| | | Examiner Name: | Tung, Kee M. |
| Sheet | of | Attorney Docket Number: | 5681-59200 |

| U. S. PATENT DOCUMENTS | | | | | |
|------------------------|-----------------------|--|-----------------------------|---|---|
| Examiner Initials* | Cite No. ¹ | Document Number Number-Kind Code (if known) | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | | US-6,661,421 | 12/09/2003 | Elizabeth J. Schlapp | |
| | | US-6,476,824 | 11/05/2002 | Suzuki, et al. | |
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| FOREIGN PATENT DOCUMENTS | | | | | | |
|--------------------------|-----------------------|---|-----------------------------|---|---|--|
| Examiner Initials* | Cite No. ¹ | Foreign Patent Document Country Code-Number-Kind Code (if known) | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear | Check if English Translation is attached |
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| NON PATENT LITERATURE DOCUMENTS | | | |
|---------------------------------|-----------------------|--|--|
| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, (page(s), volume-issue number(s), publisher, city and/or country where published. | Check if English Translation is attached |
| | A1 | "Improving A/D Converter Performance using Dither," © 1995 National Semiconductor Corporation, pp. 1-7. | <input type="checkbox"/> |
| | A2 | COLLINS, JAMES J., Thomas T. Imhoff, and Peter Grigg, "Noise-enhanced tactile sensation", Journal, October 31, 1996, Vol. 383 Page 770, Nature. | <input type="checkbox"/> |
| | A3 | GLUCKMAN, BRUCE J., et al. "Stochastic Resonance in a Neuronal Network from Mammalian Brain", Journal, November 4, 1996, Vol. 77, No. 19, pp. 4098-4101, The American Physical Society. | <input type="checkbox"/> |
| | A4 | PADDOCK, BOB, "A Guide to online information about: Noise/Chaos/Random Numbers and Linear Feedback Shift Registers," Magazine, August 1999, © Circuit Cellar, pp. 1-14. | <input type="checkbox"/> |
| | | | |

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|--------------------|--|-----------------|--|
| Examiner Signature | | Date Considered | |
|--------------------|--|-----------------|--|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application. ¹Applicant's unique citation designation number (optional).